

Wisconsin Islands & Uplands from 1:24,000-scale sources

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Identification_Information:

Citation:

Citation_Information:

Originator: Wisconsin Department of Natural Resources

Publication_Date: June 2004

Publication_Time: Unknown

Title: Wisconsin Islands & Uplands from 1:24,000-scale sources

Edition: Version 4

Geospatial_Data_Presentation_Form: vector digital data

Publication_Information:

Publication_Place: Madison, WI

Publisher: Wisconsin Dept. of Natural Resources

Online_Linkage: [<http://www.dnr.state.wi.us/maps/gis/geolibrary.html>](http://www.dnr.state.wi.us/maps/gis/geolibrary.html)

Description:

Abstract:

This shapefile includes all upland and island polygons in the 1:24,000-scale Hydrography data model (Version 4). These polygons have descriptive attributes. Some islands may have names, but in most cases they are unnamed. No Water Body ID Codes (WBICs) exist for islands.

The Wisconsin Department of Natural Resources (DNR) developed this statewide

Hydrography geographic data layer from 1:24,000-scale sources. The 1:24K Hydrography database includes information about surface water features represented on the US Geological Survey's 1:24,000-scale topographic map series such as perennial and intermittent streams, lakes, and so on. A large portion of the DNR's Waterbody Identification Codes (WBICs) have been incorporated into the 24K Hydro layer, along with surface water names from the USGS Geographic Names Information System (GNIS) database. Wetlands delineations are NOT included in the 24K Hydro data layer.

Following the initial release of the 24K Hydrography database in October of 2000, a series of data updates and enhancements have culminated in Version 4 of the 24K Hydro layer, which was completed in June 2004. Version 4 includes data enhancements and corrections.

Purpose:

This shapefile provides a representation of upland and island water features of Wisconsin. It is intended to be used for cartographic and analytic purposes pertaining to islands and uplands.

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1944

Ending_Date: 1994

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: Unknown

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -92.982513

East_Bounding_Coordinate: -86.666063

North_Bounding_Coordinate: 47.083095

South_Bounding_Coordinate: 42.447854

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: hydrography

Theme_Keyword: water

Theme_Keyword: lakes

Theme_Keyword: rivers

Theme_Keyword: streams

Theme_Keyword: islands

Theme_Keyword: uplands

Theme_Keyword: inlandWaters

Place:

Place_Keyword_Thesaurus: None

Place_Keyword: Wisconsin

Access_Constraints: None

Use_Constraints: None

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Wisconsin DNR, Bureau of Technology Services

Contact_Position: GIS Data Specialist

Contact_Address:

Address_Type: mailing address

Address: P.O. Box 7921

City: Madison

State_or_Province: WI

Postal_Code: 53707-7921

Country: USA

Contact_Voice_Telephone: (608) 264-8916

Contact_Facsimile_Telephone: (608) 266-0870

Contact_Electronic_Mail_Address: Bradley.Duncan@dnr.state.wi.us

Hours_of_Service: Normal business hours, or as available

Native_Data_Set_Environment:

Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 1; ESRI ArcCatalog
8.3.0.800

Data_Quality_Information:

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: US Geological Survey

Publication_Date: Various

Publication_Time: Unknown

Title: 7.5-minute (1:24,000-scale) topographic maps

Source_Scale_Denominator: 24000

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1944

Ending_Date: 1994

Source_Currentness_Reference: publication date

Source_Citation_Abbreviation: USGS topo maps

Process_Step:

Process_Description:

Refer to "Wisconsin DNR 24K Hydrography Version 3 Database Design", accessible at: http://www.dnr.state.wi.us/maps/gis/documents/24khyd_db_design.pdf.

Refer to "Wisconsin DNR 24K Hydrography Version 3 Capture and Feature-Coding Decision Rules", accessible at: http://www.dnr.state.wi.us/maps/gis/documents/24khyd_decision_rules.pdf.

Process_Date: Various

Process_Time: Unknown

Process_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Wisconsin DNR, GIS Services
Section

Contact_Position: 24K Hydro Data Specialist

Contact_Address:

Address_Type: mailing address

Address: P.O. Box 7921

City: Madison

State_or_Province: WI

Postal_Code: 53707-7921

Country: USA

Contact_Voice_Telephone: (608) 267-3875

Contact_Facsimile_Telephone: (608) 266-0870

Contact_Electronic_Mail_Address: Walter.Jaeger@dnr.state.wi.us

Hours_of_Service: Normal business hours or as available.

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: G-polygon

Point_and_Vector_Object_Count: 26450

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Map_Projection:

Map_Projection_Name: Transverse Mercator

Transverse_Mercator:

Scale_Factor_at_Central_Meridian: 0.999600

Longitude_of_Central_Meridian: -90.000000

Latitude_of_Projection_Origin: 0.000000

False_Easting: 520000.000000

False_Northing: -4480000.000000

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: coordinate pair

Coordinate_Representation:

Abcissa_Resolution: 0.001024

Ordinate_Resolution: 0.001024

Planar_Distance_Units: meters

Geodetic_Model:

Horizontal_Datum_Name: D_North_American_1983_HARN

Ellipsoid_Name: Geodetic Reference System 80

Semi-major_Axis: 6378137.000000

Denominator_of_Flattening_Ratio: 298.257222

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: hydrupld

Entity_Type_Definition: Attribute table for 1:24K Hydro Upland and Island polygons

Entity_Type_Definition_Source: Wisconsin DNR

Attribute:

Attribute_Label: FID

Attribute_Definition: Internal feature number.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label: Shape

Attribute_Definition: Feature geometry.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Coordinates defining the features.

Attribute:

Attribute_Label: AREA

Attribute:

Attribute_Label: PERIMETER

Attribute:

Attribute_Label: HYD_REL3_

Attribute:

Attribute_Label: HYD_REL3_I

Attribute:

Attribute_Label: NAME

Attribute_Definition:

Name of the feature represented by the polygon. Name is based on the USGS Geographic Names Information System (GNIS).

Attribute_Definition_Source: US Geological Survey

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: GNIS Name

Enumerated_Domain_Value_Definition: Name provided by GNIS.

Enumerated_Domain_Value_Definition_Source: US Geological Survey

Enumerated_Domain:

Enumerated_Domain_Value: Unnamed

Enumerated_Domain_Value_Definition: No GNIS name for the feature

Enumerated_Domain_Value_Definition_Source: Wisconsin DNR

Enumerated_Domain:

Enumerated_Domain_Value: NA

Enumerated_Domain_Value_Definition: Not applicable.

Enumerated_Domain_Value_Definition_Source: Wisconsin DNR

Attribute:

Attribute_Label: POLY_TYP

Attribute_Definition:

A two-character code identifying the type of areal water or land feature represented by each polygon.

Attribute_Definition_Source: Wisconsin DNR

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: IS

Enumerated_Domain_Value_Definition: Island

Enumerated_Domain_Value_Definition_Source: Wisconsin DNR

Enumerated_Domain:

Enumerated_Domain_Value: UP

Enumerated_Domain_Value_Definition: Upland: all non-water polygons other than islands.

Enumerated_Domain_Value_Definition_Source: Wisconsin DNR

Attribute:

Attribute_Label: OH_COL_MTH

Attribute_Definition:

A numeric code indicating the method of data collection or conversion, consistent with DNR Locational Data Standards (see <http://www.dnr.state.wi.us/maps/gis/location.html>).

Attribute_Definition_Source: Wisconsin DNR

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: MLT004

Enumerated_Domain_Value_Definition:

Polygons composed of arcs with various attributes - see attributes for hydlerc.shp

Enumerated_Domain_Value_Definition_Source: Wisconsin DNR

Attribute:

Attribute_Label: BUILD_DATE

Attribute_Definition:

A processing date indicating when the feature was added and verified by the editor.

Attribute_Definition_Source: Wisconsin DNR

Attribute_Domain_Values:

Unrepresentable_Domain:

Processing date when the feature was added and verified by the editor.

Attribute:

Attribute_Label: HYD_VER

Attribute_Definition:

Indicates the most recent release number of the 24K Hydro database in which the feature was edited. If a feature has been unmodified since the first release of 24K Hydro, this item retains a value of "1".

Attribute_Definition_Source: Wisconsin DNR

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 1

Enumerated_Domain_Value_Definition:

Feature not edited since the release of Version 1 of the 24K Hydrography database.

Enumerated_Domain_Value_Definition_Source: Wisconsin DNR

Enumerated_Domain:

Enumerated_Domain_Value: 2

Enumerated_Domain_Value_Definition:

Feature edited between the release of Version 1 and Version 2 of the 24K Hydrography database.

Enumerated_Domain_Value_Definition_Source: Wisconsin DNR

Enumerated_Domain:

Enumerated_Domain_Value: 3

Enumerated_Domain_Value_Definition:

Feature edited between the release of Version 2 and Version 3 of the 24K Hydrography database.

Enumerated_Domain_Value_Definition_Source: Wisconsin DNR

Overview_Description:

Entity_and_Attribute_Overview:

A User's Guide, Database Design document, Data Capture & Feature Coding Decision Rules document, and Shapefile Data Dictionary for the 24K Hydrography database are accessible on the DNR internet website.

Entity_and_Attribute_Detail_Citation:

Refer to "Wisconsin DNR 24K Hydrography Version 4 User's Guide", accessible at: http://www.dnr.state.wi.us/maps/gis/documents/24khyd_user_guide.pdf.

Entity_and_Attribute_Detail_Citation:

Refer to "Wisconsin DNR 24K Hydrography Version 4 Database Design", accessible at: http://www.dnr.state.wi.us/maps/gis/documents/24khyd_db_design.pdf.

Entity_and_Attribute_Detail_Citation:

Refer to "Wisconsin DNR 24K Hydrography Version 4 Shapefile Data Dictionary", accessible at: http://www.dnr.state.wi.us/maps/gis/documents/24khyd_ddict_shape.pdf .

Entity_and_Attribute_Detail_Citation:

Refer to "Wisconsin DNR 24K Hydrography Version 4 Data Capture and Feature-Coding Decision Rules", accessible at: http://www.dnr.state.wi.us/maps/gis/documents/24khyd_decision_rules.pdf .

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Wisconsin DNR, Bureau of Technology Services

Contact_Position: GIS Data Specialist

Contact_Address:

Address_Type: mailing address

Address: P.O. Box 7921

City: Madison

State_or_Province: WI

Postal_Code: 53707-7921

Country: USA

Contact_Voice_Telephone: 608/264-8916

Contact_Facsimile_Telephone: 608/266-0870

Contact_Electronic_Mail_Address: John.Laedlein@dnr.state.wi.us

Hours_of_Service: normal business hours or as available

Resource_Description: Downloadable Data

Distribution_Liability:

Refer to <<http://www.dnr.state.wi.us/org/legal/WebSiteLegalInformation.html>>

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Transfer_Size: 87.720

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name:

[ftp://gomapout.dnr.state.wi.us/geodata/
hydro_24k/islands_upland.zip](ftp://gomapout.dnr.state.wi.us/geodata/hydro_24k/islands_upland.zip)

Access_Instructions: Download from DNR ftp site.

Ordering_Instructions:

Refer to the DNR GIS website: <[http://www.dnr.state.wi.us/maps/gis/geolibrary.
html](http://www.dnr.state.wi.us/maps/gis/geolibrary.html)>

Metadata_Reference_Information:

Metadata_Date: 20040929

Metadata_Review_Date: 20040610

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Wisconsin DNR, Bureau of Technology Services

Contact_Position: GIS Data Specialist

Contact_Address:

Address_Type: mailing address

Address: P.O. Box 7921

Address: 101. S. Webster St.

City: Madison

State_or_Province: WI

Postal_Code: 53707-7921

Country: USA

Contact_Voice_Telephone: 608/264-8916

Contact_Facsimile_Telephone: 608/266-0870

Contact_Electronic_Mail_Address: John.Laedlein@dnr.state.wi.us

Hours_of_Service: normal business hours or as available

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Extensions:

Online_Linkage: <<http://www.esri.com/metadata/esriprof80.html>>

Profile_Name: ESRI Metadata Profile

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